



# *Call for Papers*

## **ISAF XV** **International Symposia** **on Alcohol Fuels**

*“Alcohol Fuels’ Role in Sustainable  
Transportation: Alcohols and  
Other Renewable Future Fuels”*

**September 26-28, 2005**  
**Hyatt Regency Islandia**  
**Hotel and Marina, San Diego, CA**

Organized By:  
Environmental Research Institute  
University of California, Riverside  
236 University Office Building, Riverside, CA 92521

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# ISAF XV CALIFORNIA

## A Message from the ISAF International Organizing Committee (IOC)

The first International Symposium on Alcohol Fuels (ISAF I) convened in 1976 in Stockholm, Sweden, just after the first oil crisis. Since then, ISAF has been held every two to four years at locations in Brazil, Canada, China, France, Germany, Italy, Japan, New Zealand, South Africa, Sweden, Thailand, and the USA. ISAF's fields of activities are of growing economic and political interest. How can alcohol fuels, including various oxygenated and renewable fuels, improve air pollution, global climate, and energy security and result in sustainable development? ISAF is a forum for stakeholders and experts from science, industry, and government to discuss these increasingly important questions concerning energy, environment and transportation. The International Organizing Committee (IOC) of ISAF extends its gratitude to the University of California, Riverside for hosting ISAF XV.

## International Organizing Committee (IOC) for ISAF

IOC members come from government, universities, industry and consultants.

### Operations Group

Dr. Claës Pilo, Chairman of IOC, SDAB Transport & Environment, Sweden  
Prof. Kuirun Pan, Chinese Academy of Sciences, China  
Dr. Johan J. Botha, Sasol Oil Ltd, South Africa  
Prof. Kenichi Ito, Hokkaido University, Japan  
Dr. Roberta Nichols, Alternative Fuels Consultant, Ford Motor Co (Retired), USA  
Prof. Dr. Franz Pischinger, FEV Motorentechnik GmbH, Germany  
Dr. Sergio C. Trindade, SE2T International Ltd, USA/Brazil

### Other IOC Members

Dr. Paritud Bhandhubanyong, MTEC, Thailand  
Mr. Holger Braess, Traffic and Environment, BMW, Germany  
Dr. David J. Cala-Hederich, CORPODIB, Colombia  
Mr. Per Carstedt, Swedish BioAlcohol Fuel Foundation, Sweden  
Dr. Bill Cruickshank, Natural Resources, Canada  
Dr. Hartmut Heinrich, Executive Manager Fuels and Lubricants, Volkswagen, Germany  
Mr. Michael D. Jackson, TIAX, USA  
Dr. Samai Jai-In, Energy Standing Committee, House of Representatives, The National Assembly of Thailand  
Prof. Yong-Kil Kim, Chonnam National University, Korea  
Mr. Gunnar Kinbom, SAAB Automobile AB, Sweden

Dr. Manoel Regis Lima Verde Leal, Centro de Tecnologia Copersucar, Brazil  
Mr. Daniel Liwimbi, Managing Director, Ethanol Company Ltd, Malawi  
Dr. Joseph M. Norbeck, Environmental Research Institute, USA  
Dr. Nils-Olof Nylund, VTT Energy, Finland  
Dr. Alfred Szwarc, UNICA, Brazil  
Mr. Paul Wuebben, South Coast Air Quality Management District, USA  
Ms. Grazia Zanin, Baylor University, USA/Italy

## A Message from the National Organizing Committee

The National Organizing Committee is delighted that ISAF XV will be held in the United States and, in particular, California. California has been a global leader in the development and implementation of alcohols and vehicles that operate on these fuels. The California Air Resources Board promulgated the first emission standard that included the consideration of the reduced atmospheric reactivity of alcohol fuels. The emphasis of alcohol fuels has shifted in recent years from urban air pollution to their role in reducing the impact of anthropogenic emissions on climate change. Again, California has provided leadership by promulgating the first rule to reduce emissions from mobile sources related to climate change. The National Organizing Committee endorses the theme of ISAF XV and looks forward to a stimulating conference exploring the role of alcohol fuels to a sustainable future. We extend our warmest welcome to our international colleagues.

### National Organizing Committee

Dr. Joseph M. Norbeck, Director, UCR Environmental Research Institute, USA (Chair)  
Dr. Chung Liu, Deputy Executive Officer, South Coast Air Quality Management District, USA  
Dr. Charles Wyman, Distinguished Professor of Engineering, Dartmouth, USA  
Mr. Michael D. Jackson, Associate Director of Transportation Technology, TIAX, USA  
Mr. Paul Wuebben, South Coast Air Quality Management District, USA  
Dr. Alan Lloyd, Chairman, California Air Research Board, USA  
Dr. Roberta Nichols, Alternative Fuels Consultant, Ford Motor Co (Retired), USA

### Working Committee

Dr. Joseph M. Norbeck, Director, UCR Environmental Research Institute (Chair)  
Dr. Charles Wyman, Dartmouth  
Dr. Roberta Nichols, Alternative Fuels Consultant, Ford Motor Co (Retired), USA  
Mr. Michael D. Jackson, TIAX, USA  
Ms. Regina Hazlinger, UCR Environmental Research Institute

## Overview of Program

Under the general theme of "Alcohol Fuels' Role in Sustainable Transportation: Alcohols and other Renewable Future Fuels," ISAF XV will focus on feedstock and production; engine technology and fuel distribution; and environmental effects and public policy. Contributed papers are being solicited for these sessions. The symposium will also include an international panel on the status of sustainable energy around the globe.

ISAF XV will focus primarily on alcohol fuels (ethanol, methanol, etc.) and ethers (DME, MTBE, etc.) used neat or blended. This symposium will also address the growing interest in other types of renewable fuels and their emerging world market, and the use of alcohol fuels as hydrogen carriers in fuel cells. English is the official language of the symposium.

## Technical Sessions

- Fuel Development and Processing
- Vehicle Technology
- Environmental Impacts
- Policy and Regulations
- Fueling Infrastructure, Marketing, and International Trade

## Exhibits

Commercial and educational exhibits will be on display during the symposium.

## Organizers and Sponsors

The organizers and sponsors of ISAF XV include government agencies, academic institutions, and industry (automotive manufacturers, oil refineries, genetic engineering firms, agricultural cooperatives, etc.). If you are interested in sponsorship opportunities, please contact Dr. Joseph Norbeck via e-mail at [Norbeck@ucr.edu](mailto:Norbeck@ucr.edu)

## Call for Papers

If you are involved in research, development and/or implementation relating to alcohol fuels and are interested in presenting your work at ISAF XV, please submit a 200-word abstract with a title for your talk and the form included in this mailer to:

**ISAF XV**  
**c/o UCR Environmental Research Institute**  
**236 University Office Building**  
**Riverside, CA 92521**  
**Or via e-mail at:**  
**[reginah@ucr.edu](mailto:reginah@ucr.edu)**

**The DEADLINE for this  
Call for Papers  
is March 1, 2005.**

If your paper is selected for presentation at ISAF XV, you will be notified by April 15, 2005. Those selected will be required to submit a 2-3 page camera-ready technical brief for inclusion in the proceedings by **June 1, 2005.**

## Registration fee (in US dollars):

### Before May 31, 2005      After June 1, 2005

Individual: \$400	\$500
Student: \$200	\$250

Registration fees include lunch and breaks on each conference day, the opening night reception, farewell party, and one copy of the proceedings.



## About San Diego, California

Approximately 1.3 million people live in San Diego, making it the seventh-largest city in the United States (after New York, Los Angeles, Chicago, Houston, Philadelphia, and Phoenix). Although the city's population keeps increasing, you'll find that San Diego hasn't lost its small-town ambience, and it retains a strong connection with its Hispanic heritage and culture.

Served by major airlines throughout the United States and the world, San Diego International Airport is conveniently located six miles from the Hyatt Regency Islandia. Los Angeles International Airport is 2.5 hours from San Diego.

## About the Hyatt Regency Islandia Hotel

The Hyatt Regency Islandia and its award-winning staff will surpass your expectations of hotels in San Diego. Nestled in the heart of San Diego's Mission Bay, the Hyatt Regency Islandia is the closest resort hotel to SeaWorld and just minutes from all major attractions such as Balboa Park, the World Famous San Diego Zoo, Old Town, the Gaslamp District, Mexico, and miles of scenic coastline.



Our jewel among hotels in San Diego is located eight miles from downtown, one-half mile from SeaWorld and a short drive to almost every attraction in the area. Enjoy a spectacular waterfront property adjacent to a full-service marina with magnificent ocean, harbor, tropical garden, or city views. Steps from your door are lush gardens of San Diego, manicured grounds, and a full array of water sports. Activities include a sun-splashed heated pool, sport fishing and sailboat rentals, and relaxing massages in our Massage Therapy Center. A plus among hotels in San Diego, the Hyatt Regency Islandia also offers easy access to activities such as tennis, golf, jogging and bicycle trails. For more information, visit the Hyatt Regency Islandia's web site at: <http://islandia.hyatt.com/property/index.jhtml>

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Hyatt Regency Islandia  
San Diego, CA USA

September 26-28, 2005

Family Name: \_\_\_\_\_ First Name \_\_\_\_\_

Title: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, and Zip: \_\_\_\_\_

Country: \_\_\_\_\_ E-mail: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

I plan to attend ISAF XV in San Diego on September 26-28, 2005: \_\_\_\_\_ Yes \_\_\_\_\_ No

I would like to present a paper at the conference: \_\_\_\_\_ Yes \_\_\_\_\_ No

If yes, the title is: \_\_\_\_\_

(A 200-word abstract must accompany this form. Deadline is March 1, 2005.)

For presentation in one of the following sessions (please select only one session):

- \_\_\_\_ Fuel Development and Processing
- \_\_\_\_ Vehicle Technology
- \_\_\_\_ Environmental Impacts
- \_\_\_\_ Policy and Regulations
- \_\_\_\_ Fueling Infrastructure, Marketing, and International Trade

**Return form by March 1, 2005, to:**

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